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PTO/SB/05 1-281

Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office U.S. DEPARTMENT OF COMMERCEUTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. HER-1

First Inventor or Application Identifier A. Papathanasiou
Title Adaptive Filter for Communication System

Express Mail Label No.

101-911764
TO/911764
101-911764

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Specification (Total Pages 12)
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. Drawing(s) (35 U.S.C. 113) (Total Sheets 12)

4. Oath or Declaration (Total Pages 2)

- a. Newly executed (original or copy)
- b. Copy from a prior application (37 C.F.R. § 1.63(d))
(or continuation/divisional with Box 16 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

NOTE FOR ITEMS 1 & 3: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

5. Microfiche Computer Program (Appendix)

6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. Computer Readable Copy
- b. Paper Copy (identical to computer copy)
- c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. Assignment Papers (cover sheet & document(s))

8. 37 C.F.R. § 3.73(b) Statement Power of
(when there is an assignee) Attorney

9. English Translation Document (if applicable)

10. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS
Statement (IDS)/PTO-1449 Citations

11. Preliminary Amendment

12. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

13. Small Entity Statement(s) filed in prior application.
(PTO/SB/09-12) Status still proper and desired

14. Statement(s) Certified Copy of Priority Document(s)
(if foreign priority is claimed)

15. Other: 6 references

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation-in-part (CIP) of prior application No: _____

Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label Insert Customer No. or Attach bar code label here or Correspondence address below

Name: Hung Chang LIN
8 Schindler Court
Address: _____
City: Silver Spring State: Maryland Zip Code: 20903
Country: U.S.A. Telephone: 301-434-3571 Fax: 301-434-6581

Name (Print/Type): Hung Chang LIN Registration No. (Attorney/Agent): 28,789

Signature: Hung Chang Lin Date: July 24 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

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| 0025/PTO Rev. 10/95 | U.S. Department of Commerce Patent and Trademark Office | Complete if Known | |
| FEE TRANSMITTAL | | Application Number | |
| | | Filing Date | |
| | | First Named Inventor | A. Papathanasiou |
| | | Group Art Unit | |
| | | Examiner Name | |
| TOTAL AMOUNT OF PAYMENT (\$) | | Attorney Docket Number | HER-1 |

| METHOD OF PAYMENT (check one) | | FEE CALCULATION (continued) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: _____</p> <p>Deposit Account Name: _____</p> <p><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.18 at the Filing of the Notice of Allowance, 37 CFR 1.311(b)</p> <p><input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Filing of the Notice of Allowance, 37 CFR 1.311(b)</p> | | <p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity Fee</th> <th>Small Entity Fee</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <th>Code (S)</th> <th>Code (S)</th> <th>Code (S)</th> <th>Code (S)</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td>_____</td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td>_____</td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td>_____</td> </tr> <tr> <td>147</td> <td>2,300</td> <td>147</td> <td>2,300</td> <td>For filing a request for reexamination</td> <td>_____</td> </tr> <tr> <td>112</td> <td>570</td> <td>112</td> <td>570</td> <td>Requesting publication of SIR prior to Examiner action</td> <td>_____</td> </tr> <tr> <td>113</td> <td>1,740</td> <td>113</td> <td>1,740</td> <td>Requesting publication of SIR after Examiner action</td> <td>_____</td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Examination for responses within first month</td> <td>_____</td> </tr> <tr> <td>116</td> <td>380</td> <td>218</td> <td>190</td> <td>Examination for responses within second month</td> <td>_____</td> </tr> <tr> <td>117</td> <td>900</td> <td>217</td> <td>460</td> <td>Examination for responses within third month</td> <td>_____</td> </tr> <tr> <td>118</td> <td>1,400</td> <td>218</td> <td>700</td> <td>Examination for responses within fourth month</td> <td>_____</td> </tr> <tr> <td>119</td> <td>290</td> <td>219</td> <td>145</td> <td>Notice of Appeal</td> <td>_____</td> </tr> <tr> <td>120</td> <td>290</td> <td>220</td> <td>145</td> <td>Filing a brief in support of an appeal</td> <td>_____</td> </tr> <tr> <td>121</td> <td>250</td> <td>221</td> <td>125</td> <td>Request for oral hearing</td> <td>_____</td> </tr> <tr> <td>138</td> <td>1,430</td> <td>138</td> <td>1,430</td> <td>Petition to Institute a public use proceeding</td> <td>_____</td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive unallowably abandoned application</td> <td>_____</td> </tr> <tr> <td>141</td> <td>1,250</td> <td>241</td> <td>625</td> <td>Petition to revive unreasonably abandoned application</td> <td>_____</td> </tr> <tr> <td>142</td> <td>1,250</td> <td>242</td> <td>625</td> <td>Utility issue fee (or reissue)</td> <td>_____</td> </tr> <tr> <td>143</td> <td>430</td> <td>243</td> <td>215</td> <td>Design issue fee</td> <td>_____</td> </tr> <tr> <td>144</td> <td>630</td> <td>244</td> <td>315</td> <td>Plant issue fee</td> <td>_____</td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td>_____</td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Petitions related to provisional applications</td> <td>_____</td> </tr> <tr> <td>128</td> <td>220</td> <td>128</td> <td>220</td> <td>Submission of Information Disclosure Stmt</td> <td>_____</td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td>Recording each patent assignment per property (three number of properties)</td> <td>40</td> </tr> <tr> <td>146</td> <td>750</td> <td>246</td> <td>375</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td>_____</td> </tr> <tr> <td>148</td> <td>750</td> <td>248</td> <td>375</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td>_____</td> </tr> <tr> <td colspan="4">Other fee (specify) _____</td> <td>_____</td> </tr> <tr> <td colspan="4">Other fee (specify) _____</td> <td>_____</td> </tr> <tr> <td colspan="2">SUBTOTAL (1) (\$)</td> <td colspan="2">SUBTOTAL (3) (\$)</td> </tr> </tbody> </table> <p>* Reduced by Basic Filing Fee Paid</p> | | Large Entity Fee | Small Entity Fee | Fee Description | Fee Paid | Code (S) | Code (S) | Code (S) | Code (S) | 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | _____ | 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | _____ | 139 | 130 | 139 | 130 | Non-English specification | _____ | 147 | 2,300 | 147 | 2,300 | For filing a request for reexamination | _____ | 112 | 570 | 112 | 570 | Requesting publication of SIR prior to Examiner action | _____ | 113 | 1,740 | 113 | 1,740 | Requesting publication of SIR after Examiner action | _____ | 115 | 110 | 215 | 55 | Examination for responses within first month | _____ | 116 | 380 | 218 | 190 | Examination for responses within second month | _____ | 117 | 900 | 217 | 460 | Examination for responses within third month | _____ | 118 | 1,400 | 218 | 700 | Examination for responses within fourth month | _____ | 119 | 290 | 219 | 145 | Notice of Appeal | _____ | 120 | 290 | 220 | 145 | Filing a brief in support of an appeal | _____ | 121 | 250 | 221 | 125 | Request for oral hearing | _____ | 138 | 1,430 | 138 | 1,430 | Petition to Institute a public use proceeding | _____ | 140 | 110 | 240 | 55 | Petition to revive unallowably abandoned application | _____ | 141 | 1,250 | 241 | 625 | Petition to revive unreasonably abandoned application | _____ | 142 | 1,250 | 242 | 625 | Utility issue fee (or reissue) | _____ | 143 | 430 | 243 | 215 | Design issue fee | _____ | 144 | 630 | 244 | 315 | Plant issue fee | _____ | 122 | 130 | 122 | 130 | Petitions to the Commissioner | _____ | 123 | 50 | 123 | 50 | Petitions related to provisional applications | _____ | 128 | 220 | 128 | 220 | Submission of Information Disclosure Stmt | _____ | 581 | 40 | 581 | 40 | Recording each patent assignment per property (three number of properties) | 40 | 146 | 750 | 246 | 375 | Filing a submission after final rejection (37 CFR 1.129(a)) | _____ | 148 | 750 | 248 | 375 | For each additional invention to be examined (37 CFR 1.129(b)) | _____ | Other fee (specify) _____ | | | | _____ | Other fee (specify) _____ | | | | _____ | SUBTOTAL (1) (\$) | | SUBTOTAL (3) (\$) | |
| Large Entity Fee | Small Entity Fee | Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Code (S) | Code (S) | Code (S) | Code (S) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 139 | 130 | 139 | 130 | Non-English specification | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 147 | 2,300 | 147 | 2,300 | For filing a request for reexamination | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 112 | 570 | 112 | 570 | Requesting publication of SIR prior to Examiner action | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 113 | 1,740 | 113 | 1,740 | Requesting publication of SIR after Examiner action | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 115 | 110 | 215 | 55 | Examination for responses within first month | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 116 | 380 | 218 | 190 | Examination for responses within second month | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 117 | 900 | 217 | 460 | Examination for responses within third month | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 118 | 1,400 | 218 | 700 | Examination for responses within fourth month | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 119 | 290 | 219 | 145 | Notice of Appeal | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | 290 | 220 | 145 | Filing a brief in support of an appeal | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 121 | 250 | 221 | 125 | Request for oral hearing | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 138 | 1,430 | 138 | 1,430 | Petition to Institute a public use proceeding | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 140 | 110 | 240 | 55 | Petition to revive unallowably abandoned application | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 141 | 1,250 | 241 | 625 | Petition to revive unreasonably abandoned application | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 142 | 1,250 | 242 | 625 | Utility issue fee (or reissue) | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 143 | 430 | 243 | 215 | Design issue fee | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 144 | 630 | 244 | 315 | Plant issue fee | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 123 | 50 | 123 | 50 | Petitions related to provisional applications | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 128 | 220 | 128 | 220 | Submission of Information Disclosure Stmt | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (three number of properties) | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 146 | 750 | 246 | 375 | Filing a submission after final rejection (37 CFR 1.129(a)) | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 148 | 750 | 248 | 375 | For each additional invention to be examined (37 CFR 1.129(b)) | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other fee (specify) _____ | | | | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other fee (specify) _____ | | | | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL (1) (\$) | | SUBTOTAL (3) (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| SUBMITTED BY | | Complete if applicable | | |
| Typed or Printed Name | Hung Chang LIN | | Reg. Number | 28,789 |
| Signature | Hung Chang LIN | | Date | 7/24/01 |
| | | | Deposit Account User ID | |